

Penalty for presenting fraudulent claim is a fine of up to \$500,000 or imprisonment for up to 5 years, or both. 18 U.S.C. §§ 152 AND 3571

Sheet1

Proof of Interest Supplemental Information
Case: 24-50792, Meta Materials, Inc.
For: Timothy A Murray & Renee Jodie Murray

Broker: Charles Schwab & Co., Inc.

NOTE: Formerly TD Ameritrade

Account #: 275-546953-1

Date	Transaction Type	Share amount	Purchase Price	Sale Price	NOTES
06/21/21	BOUGHT	290	\$2,913.02		purchased as TRCH before reverse split on June 25 th 2021, and held thru merger on June 28, 2021 to obtain 1 for 1 MMAT shares.
06/22/21	BOUGHT	70	\$677.60		
07/30/21	BOUGHT	19	\$65.93		
07/30/21	BOUGHT	8	\$27.68		
08/02/21	BOUGHT	3	\$10.71		
08/04/21	BOUGHT	8	\$25.92		
08/05/21	BOUGHT	4	\$12.82		
08/17/21	BOUGHT	6	\$17.76		\$3751.44 Invested
08/25/21	SOLD	228		\$800.27	\$2951.17 Invested
08/30/21	BOUGHT	13	\$71.44		\$3022.61 Invested
09/02/21	SOLD	13		\$76.96	\$2945.65 Invested
09/16/21	BOUGHT	32	\$162.83		
09/16/21	BOUGHT	201	\$1,029.10		\$4137.58 Invested
09/27/21	SOLD	233		\$1,286.14	\$2851.44 Invested
11/05/21	BOUGHT	250	\$1,221.25		\$4072.69 Invested
11/08/21	SOLD	250		\$1,283.71	\$2788.98 Invested
04/07/22	BOUGHT	70	\$111.99		
04/07/22	BOUGHT	4	\$6.24		\$2907.21 Invested
04/13/22	SOLD	70		\$109.20	
04/13/22	SOLD	4		\$6.28	\$2791.73 Invested
04/18/22	BOUGHT	80	\$114.80		\$2906.53 Invested

Sheet1

04/21/22	SOLD	80		\$112.06	\$2794.47 Invested
06/14/22	BOUGHT	371	\$563.88		\$3358.35 Invested
06/14/22	SOLD	371		\$537.93	\$2820.42 LOST

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		35611372262	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	290	89102U103	10.0449	2,913.02		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	06/21/2021	06/23/2021		0.00	2,913.02	
TRADE DESCRIPTION			SYMBOL			
TORCHLIGHT ENERGY RESOURCES IN COM			TRCH			
THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS. *CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.						



Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A* Agent	C* Cross Trade
3. Margin Short	4. Income	P* Principal	R* Riskless Principal
5. Withholding	6. Special	Pr* Prime Broker (if provided contact the executing broker for further details)	
		9* Agent for person other than customer	4* Agent for both customer and another person
		6* Acts as both principal and agent	7* Acts as principal, agent and agent for another person
		9* Crossing as principal	8* Crossing as agent

IT IS AGREED BETWEEN THE EXECUTING BROKER AND THE CUSTOMER NAMED HEREIN THAT:

- TD Ameritrade Clearing, Inc., member of FINRA/SIPC, acts as the clearing agent.
- This confirmation is a transaction advice, not an invoice. Renitance of funds or securities is due on or before settlement date. Certain security information is collected at the time the confirmation is generated and may vary from the information at the time the trade was placed.
- You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unaffiliated.
- The securities executed are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
- The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
- If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
- If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
- Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement.
- Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Markets, Inc. fee schedule. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable.
- For inflation indexed securities yield to maturity may vary due to inflation adjustments. If the transaction involves callable securities, the call features could affect yield. Complete information will be provided upon request. On zero coupons, interest and multiplier securities, no periodic payments of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment. Specific information is available upon request.
- The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
- Leveraged and Inverse ETFs entail unique risks, including but not limited to: use of leverage; aggressive and complex investment techniques; and use of derivatives. Leveraged ETFs seek to deliver multiples of the performance of a benchmark. Inverse ETFs seek to deliver the opposite of the performance of a benchmark. Both seek results over periods as short as a single day. Results of both strategies can be affected substantially by compounding. Returns over longer periods will likely differ in amount and even direction. These products require active monitoring and management, as frequently as daily. They are not suitable for all investors.
- Bonds and/or fixed income securities trade differently than equity securities and do not trade on a listed exchange. Rather, they trade in the OTC (over the counter) marketplace and liquidity may not always exist for you to sell your position prior to maturity.
- If you request the sale of a nonmarketable or worthless security, TD Ameritrade will be the buyer in the transaction in the event a market cannot be located. In such a sale, you are deeming the security worthless and TD Ameritrade thereby makes no representation regarding the present or future value of these securities. The transaction is irreversible and you will have no further claim to the securities and no claim against TD Ameritrade for any losses related to the sale.
- To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP. Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.ginnie Mae.gov, Municipal Bonds: www.muni.org. A copy of the Official Statement can be requested by calling 800-669-3900.
- The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors willing to purchase the security and, therefore, adversely impact the price that you receive for the security. The quantity of securities you purchased is below the minimum denomination and may adversely affect the liquidity of the position unless you have other securities from the issue that can be combined to reach the minimum denomination.

TD AMERITRADE, INC.
PO BOX 2209
OMAHA NE 68103-2209



SIPC
SECURITIES INVESTOR PROTECTION CORPORATION

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		35636331269	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	70	89102U103	9.68	677.60		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	06/22/2021	06/24/2021		0.00	677.60	
TRADE DESCRIPTION			SYMBOL			
TORCHLIGHT ENERGY RESOURCES IN COM			TRCH			
<p>THIS IS AN UNSOLICITED TRADE</p> <p>FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS.</p> <p>*CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.</p>						



Confirmation Notice
Account 275-546953
Page 2 of 2

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3. Margin Short	4. Income	P* Principal	R* Riskless Principal
5. Withholding	6. Special	Prime Broker (if provided (contact the executing broker for further details))	
		3* Agent for person other than customer	4* Agent for both customer and another person
		6* Acts as both principal and agent	7* Acts as principal, agent and agent for another person
		9* Crossing as principal	5* Principal for some executions and agent for other
			8* Crossing as agent

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3. You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
4. All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unsolicited.
5. The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
6. The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
7. If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
8. If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right, without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
9. Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement.
10. Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Markets, Inc. fee schedule. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable.
11. For inflation indexed securities yield to maturity may vary due to inflation adjustments. If the transaction involves callable securities, the call features could affect yield. Complete information will be provided upon request. On zero coupons, interest and multiple securities, no periodic payments of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment; specific information is available upon request.
12. The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
13. Leveraged and Inverse ETFs entail unique risks, including but not limited to: use of leverage; aggressive and complex investment techniques; and use of derivatives. Leveraged ETFs seek to deliver multiples of the performance of a benchmark. Inverse ETFs seek to deliver the opposite of the performance of a benchmark. Both seek results over periods as short as a single day. Results of both strategies can be affected substantially by compounding. Returns over longer periods will likely differ in amount and even direction. These products require active monitoring and management, as frequently as daily. They are not suitable for all investors.
14. Bonds and/or fixed-income securities trade differently than equity securities and do not trade on a listed exchange. Rather, they trade in the OTC (over the counter) marketplace and liquidity may not always exist for you to sell your position prior to maturity.
15. If you request the sale of a nonmarketable or worthless security, TD Ameritrade will be the buyer in the transaction in the event a market cannot be located. In such a sale, you are deeming the security worthless and TD Ameritrade thereby makes no representation regarding the present or future value of these securities. The transaction is irreversible and you will have no further claim to the securities and no claim against TD Ameritrade for any losses related to the sale.
16. To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.ginnie Mae.gov, Municipal Bonds: www.emma.miso.org. A copy of the Official Statement can be requested by calling 800-669-3900.
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Please do not send deposits or correspondence to this address.

TIMOTHY ALAN MURRAY & RENEE JODIE
MURRAY JT TEN
4003 BUFFALO RD
NEWARK NY 14513-9319



ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		36471634006	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	19	59134N104	3.4699	65.93		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	07/30/2021	08/03/2021		0.00	65.93	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS. *CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.						

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE	
275-546953-1			A	TD AMERITRADE	
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES
					REG FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT
TRADE DESCRIPTION			SYMBOL		

CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.
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Confirmation Notice
Account 275-546953
 Page 2 of 2

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275-546953-1			A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG. FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	07/30/2021	08/03/2021		0.00		
TRADE DESCRIPTION			SYMBOL			

CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.
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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		36474455228	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	8	59134N104	3.4599	27.68		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	07/30/2021	08/03/2021		0.00	27.68	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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1. Cash 2. Margin Long 3. Margin Short 4. Income 5. Withholding 6. Special	A* Agent C* Cross Trade P* Principal R* Riskless Principal Prime Broker If provided (contact the executing broker for further details) 3* Agent for person other than customer 4* Agent for both customer and another person 5* Principal for some executions and agent for other 6* Acts as both principal and agent 7* Acts as principal, agent and agent for another person 8* Crossing as agent

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- You will report any gross proceeds from the sale of securities to your clearing broker, not to TD Ameritrade.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the exchange or market, and its clearing house, if any, where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unsolicited.
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- To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcreditfcb.com, Federal Home Loan Bank (FHLB): www.fhlb.org, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.ginniemae.gov, Municipal Bonds: www.emma.mib.org. A copy of the Official Statement can be requested by calling 800-688-3900.
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275-546953-1			A	TD AMERITRADE	
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT
	08/02/2021	08/04/2021		0.00	
TRADE DESCRIPTION			SYMBOL		

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Account 275-546953

Page 2 of 2

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275-546953-1		36530462027	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG. FEES
YOU BOUGHT	3	59134N104	3.5699	10.71		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/02/2021	08/04/2021		0.00	10.71	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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ACCOUNT CODE: Type of Account	CAPACITY CODE:
1. Cash 2. Margin Long 3. Margin Short 4. Income 5. Withholding 6. Special	A= Agent C= Cross Trade P= Principal R= Riskless Principal Prime Broker if provided (contact the executing broker for further details) 3= Agent for person other than customer 4= Agent for individual customer and another person 5= Acts as both principal and agent 6= Principal for some executions and agent for other 7= Acts as principal, agent and agent for another person 8= Crossing as agent
IT IS AGREED BETWEEN THE EXECUTING BROKER AND THE CUSTOMER NAMED HEREIN THAT: 1. TD Ameritrade Clearing, Inc., member of FINRA/SIPC acts as the clearing agent. 2. This confirmation is a transaction advice, not an invoice. Remittance of funds or securities is due on or before settlement date. Certain security information is collected at the time the confirmation is generated and may vary from the information at the time the trade was placed. 3. You will report any errors immediately and/or notify us if not entry in accordance with your understanding. 4. All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange of market (and its clearing house, if any) where executed, and/or any association whose rules and regulations govern the transactions you are entering into, and to all the terms and conditions of clearing agreements between you and the Wisconsin customers agency (which are in the possession of the clearing agent). 5. The securities described are, or may be hypothecated under circumstances which will permit the commissioning thereof and securities carried for the account of the other customers. Such commissioning, if any, ceases upon payment by you of these securities in the net amount due. 6. The executing broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed. 7. If the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed. 8. If the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed. 9. Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trade Reporting Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Foreign securities (including foreign company ADRs that trade in the U.S.) will include sales charges of 1% on foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement. 10. Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Markets, Inc. Fee Schedule. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable. 11. For inflation indexed securities yield to maturity may vary due to inflation adjustments. If the transaction involves callable securities, the call features could affect yield. Complete information will be provided upon request. On zero coupons, interest and multiplier securities, no periodic payments of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment; specific information is available upon request. 12. The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request. 13. Leveraged and Inverse ETFs entail unique risks, including but not limited to: use of leverage; aggressive and complex investment techniques; and use of derivatives. Leveraged ETFs seek to deliver multiples of the performance of a benchmark. Inverse ETFs seek to deliver the opposite of the performance of a benchmark. Both seek results over periods as short as a single day. Results of both strategies can be affected substantially by compounding. Returns over longer periods will likely differ in amount and even direction. These products require active monitoring and management, as frequently as daily. They are not suitable for all investors. 14. Bonds and/or fixed income securities trade differently than equity securities and do not trade on a listed exchange. Rather, they trade in the OTC (over the counter) marketplace and liquidity may not always exist for you to sell your position prior to maturity. 15. If you request the sale of a nonmarketable or worthless security, TD Ameritrade will be the buyer in the transaction in the event a market cannot be located. In such a sale, you are deeming the security worthless and TD Ameritrade thereby makes no representation regarding the present or future value of these securities. The transaction is irreversible and you will have no further claim to the securities and no claim against TD Ameritrade for any losses related to the sale. 16. To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.gnmia.com, Government National Mortgage Association: www.gnmia.com. A copy of the Official Statement can be requested by calling 800-669-3900. 17. The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors who can purchase the security and, therefore, adversely impact the price that you receive for the security. The quantity of securities you purchased is below the minimum denomination and may adversely affect the liquidity of the position unless you have other securities from the issue that can be combined to reach the minimum denomination.	

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		36584537381	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	8	59134N104	3.24	25.92		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/04/2021	08/06/2021		0.00	25.92	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:		
1. Cash	2. Margin Long	A= Agent	C= Cross Trade	P= Principal
3. Margin Short	4. Income	R= Riskless Principal		
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)		
		3= Agent for person other than customer		
		4= Agent for both customer and another person		
		5= Principal for some executions and agent for other		
		6= Acts as both principal and agent		
		7= Acts as principal, agent and agent for another person		
		8= Crossing as principal		
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All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unaffiliated. The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due. The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request. If not already displayed. If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed. If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss. Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement. Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Markets, Inc. fee schedule. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable. For inflation indexed securities yield to maturity may vary due to inflation adjustments. If the transaction involves callable securities, the call features could affect yield. Complete information will be provided upon request. On zero coupons, interest and multiplier securities, no periodic payments of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment. Specific information is available upon request. The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. 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To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcreditfcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.gnmlmae.gov, Municipal Bonds: www.enma.msb.org. A copy of the Official Statement can be requested by calling 800-689-3900. The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors willing to purchase the security and, therefore, adversely impact the price that you receive for the security. 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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1			A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/05/2021	08/09/2021		0.00		
TRADE DESCRIPTION			SYMBOL			

CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.
 THIS IS AN UNSOLICITED TRADE
 FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION
 PLEASE REFER TO THE TERMS AND CONDITIONS.
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		36614732279	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	4	59134N104	3.2059	12.82		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/05/2021	08/09/2021		0.00	12.82	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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ACCOUNT CODE: Type of Account	CAPACITY CODE:
1. Cash 2. Margin Long 3. Margin Short 5. Withholding 6. Special	A= Agent C= Cross Trade P= Principal R= Riskless Principal Prime Broker If provided (contact the executing broker for further details) 3= Agent for person other than customer 4= Agent for both customer and another person 6= Acts as both principal and agent 7= Acts as principal, agent and agent for another person 9= Crossing as principal 8= Principal for some executions and agent for other 9= Crossing as agent
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If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed. If payment is not made prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss. Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. 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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		36836564449	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	6	59134N104	2.9599	17.76		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/17/2021	08/19/2021		0.00	17.76	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	AA= Agent	CA= Cross Trade
3. Margin Short	4. Income	PA= Principal	RA= Riskless Principal
5. Withholding	6. Special	Please Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
		9= Crossing as principal	5= Principal for some executions and agent for other
			9= Crossing as agent

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3. You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
4. All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unsolicited.
5. The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
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7. If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
8. If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
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Please do not send deposits or correspondence to this address.

TD AMERITRADE, INC.
PO BOX 2209
OMAHA NE 68103-2209

TIMOTHY ALAN MURRAY & RENEE JODIE
MURRAY JT TEN
4003 BUFFALO RD
NEWARK NY 14513-9319



ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1			A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/25/2021	08/27/2021		0.00		
TRADE DESCRIPTION			SYMBOL			

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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		36973295227	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	228	59134N104	3.5101	800.30		0.03
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/25/2021	08/27/2021		0.00	800.27	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE. THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS. *CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.						



Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE	
275-546953-1			A	TD AMERITRADE	
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT
	08/25/2021	08/27/2021		0.00	
TRADE DESCRIPTION			SYMBOL		

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ACCOUNT CODE: Type of Account	CAPACITY CODE:
1. Cash 2. Margin Long 3. Margin Short 4. Income 5. Withholding 6. Special	A= Agent C= Cross Trade P= Principal R= Riskless Principal Prime Broker if provided (contact the executing broker for further details) 3= Agent for person other than customer 4= Agent for both customer and another person 5= Principal for some executions and agent for other 6= Acts as both principal and agent 7= Acts as principal, agent and agent for another person 8= Crossing as agent 9= Crossing as principal

IT IS AGREED BETWEEN THE EXECUTING BROKER AND THE CUSTOMER NAMED HEREIN THAT:

1. TD Ameritrade Clearing, Inc., member of FINRA/SIPC acts as the clearing agent.
2. This confirmation is a transaction advice, not an invoice. Remittance of funds or securities is due on or before settlement date. Certain security information is collected at the time the confirmation is generated and may vary from the information at the time the trade was placed.
3. You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
4. All transactions are subject to the rules, regulations, and procedures of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange Act, and the rules of the relevant self-regulatory organizations.
5. The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, does not constitute payment by you for these securities in the net amount due.
6. The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
7. If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
8. If payment is not made prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
9. Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Foreign securities (including foreign company ADRs) traded in the U.S. may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent fee on your monthly statement.
10. Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Market Fee. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable.
11. If this transaction involves a debt security that is subject to call or redemption before maturity, the debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request. On zero coupons, interest and multiplier securities, no periodic payment of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment, specific information is available upon request. For inflation indexed securities yield to maturity may vary due to inflation adjustments.
12. The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
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14. Bonds and/or fixed-income securities trade differently than equity securities and do not trade on a listed exchange. Rather, they trade in the OTC (over the counter) marketplace and liquidity may not always exist for you to sell your position prior to maturity.
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16. To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit.com; Federal Home Loan Bank (FHLB): www.fhlb-of.com; Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com; Federal National Mortgage Association (Fannie Mae): www.fanniemae.com; Government National Mortgage Association: www.gnmias.gov; Municipal Bonds: www.enma.mib.org. A copy of the Official Statement can be requested by calling 800-689-3900.
17. The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors willing to purchase the security and, therefore, adversely impact the price that you receive for the security. The quantity of securities you purchased is below the minimum denomination and may adversely affect the liquidity of the position unless you have other securities from the issue that can be combined to reach the minimum denomination.



PO BOX 2577 - OMAHA NE 68103-2577

Please do not send deposits or correspondence to this address.

TD AMERITRADE, INC.

PO BOX 2209

OMAHA NE 68103-2209

TIMOTHY ALAN MURRAY & RENEE JODIE
MURRAY JT TEN
4003 BUFFALO RD
NEWARK NY 14513-9319



Confirmation Notice

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1			A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/30/2021	09/01/2021		0.00		
TRADE DESCRIPTION			SYMBOL			

CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.
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or in part before maturity which could affect its yield. Additional information is available upon request.

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		37048506075	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	13	59134N104	5.495	71.44		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	08/30/2021	09/01/2021		0.00	71.44	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
		8= Crossing as principal	5= Principal for some executions and agent for other
			8= Crossing as agent

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- You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are uncollected.
- The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
- The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
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- If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
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275-546953-1		37164576878	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	13	59134N104	5.92	76.96		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	09/02/2021	09/07/2021		0.00	76.96	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
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275-546953-1		37418985106	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	201	59134N104	5.1199	1,029.10		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	09/16/2021	09/20/2021		0.00	1,029.10	
TRADE DESCRIPTION	SYMBOL					
META MATERIALS INC COM	MMAT					
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Confirmation Notice

Account 275-546953

Page 2 of 2

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16. To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.gnmiasae.gov, Municipal Bonds: www.mnma.marb.org. A copy of the Official Statement can be requested by calling 800-689-3900.
17. The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors willing to purchase the security and, therefore, adversely impact the price that you receive for the security. The quantity of securities you purchased is below the minimum denomination and may adversely affect the liquidity of the position unless you have other securities from the issue that can be combined to reach the minimum denomination.



SIPC
All Investor Activities Protected

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		37617645498	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	233	59134N104	5.5201	1,286.18		0.04
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	09/27/2021	09/29/2021		0.00	1,286.14	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
<p>CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.</p> <p>THIS IS AN UNSOLICITED TRADE</p> <p>FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS.</p> <p>*CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.</p>						



Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Gross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
		9= Crossing as principal	5= Principal for some executions and agent for other
			8= Crossing as agent

IT IS AGREED BETWEEN THE EXECUTING BROKER AND THE CUSTOMER NAMED HEREIN THAT:

- TD Ameritrade Clearing, Inc., member of FINRA/SIPC acts as the clearing agent.
- This confirmation is a transaction advice, not an invoice. Remittance of funds or securities is due on or before settlement date. Certain security information is collected at the time the confirmation is generated and may vary from the information at the time the trade was placed.
- You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unsolicited.
- The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
- The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
- If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
- If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
- Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Rag Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent fee item on your monthly statement.
- Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Markets, Inc. fee schedule. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable.
- If this transaction involves a debt security that is subject to call or redemption before maturity, the debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request. On zero coupon, interest and multiplier securities, no periodic payment of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment, specific information is available upon request. For inflation indexed securities yield to maturity may vary due to inflation adjustments.
- The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
- Leveraged and Inverse ETFs entail unique risks, including but not limited to: use of leverage; aggressive and complex investment techniques; and use of derivatives. Leveraged ETFs seek to deliver multiples of the performance of a benchmark. Inverse ETFs seek to deliver the opposite of the performance of a benchmark. Both seek results over periods as short as a single day. Results of both strategies can be affected substantially by compounding. Returns over longer periods will likely differ in amount and even direction. These products require active monitoring and management, as frequently as daily. They are not suitable for all investors.
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- To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.gnma.gov, Municipal Bonds: www.muni.org. A copy of the Official Statement can be requested by calling 800-689-3900.
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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		38533831465	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	250	59134N104	4.885	1,221.25		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	11/05/2021	11/09/2021		0.00	1,221.25	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS. *CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.						



Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
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3. You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
4. All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unsolicited.
5. The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
6. The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
7. If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
8. If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
9. Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement.
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11. If this transaction involves a debt security that is subject to call or redemption before maturity, the debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request. On zero coupons, interest and multiplier securities, no periodic payment of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment, specific information is available upon request. For inflation indexed securities yield to maturity may vary due to inflation adjustments.
12. The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
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OMAHA NE 68103-2209



SIPC
SECURITIES INVESTOR PROTECTION CORPORATION

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		38576337722	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	250	59134N104	5.135	1,283.75		0.04
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	11/08/2021	11/10/2021		0.00	1,283.71	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
<p>CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.</p> <p>THIS IS AN UNSOLICITED TRADE</p> <p>FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS.</p> <p>*CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.</p>						



Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
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OMAHA NE 68103-2209



SIPC
SECURITIES INVESTOR PROTECTION CORPORATION

ACCOUNT NO.		OTHER INFO		TRANSACTION NUMBER		CAP CODES		YOUR REPRESENTATIVE					
275-546953-1				41929349691		A		TD AMERITRADE					
ACTIVITY		QUANTITY		CUSIP NUMBER		PRICE		PRINCIPAL AMOUNT		MISC. FEES		REG FEES	
YOU BOUGHT		70		59134N104		1.5999		111.99				0.00	
AS OF TRADE DATE		TRADE DATE		SETTLEMENT DATE		INTEREST		COMMISSION/FEE		NET AMOUNT			
		04/07/2022		04/11/2022				0.00		111.99			
TRADE DESCRIPTION						SYMBOL							
META MATERIALS INC COM						MMAT							
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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		41929975030	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	4	59134N104	1.56	6.24		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	04/07/2022	04/11/2022		0.00	6.24	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
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		3= Agent for person other than customer	4= Agent for both customer and another person
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- The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
- Leveraged and Inverse ETFs entail unique risks, including but not limited to: use of leverage; aggressive and complex investment techniques; and use of derivatives. Leveraged ETFs seek to deliver multiples of the performance of a benchmark. Inverse ETFs seek to deliver the opposite of the performance of a benchmark. Both seek results over periods as short as a single day. Results of both strategies can be affected substantially by compounding. Returns over longer periods will likely differ in amount and even direction. These products require active monitoring and management, as frequently as daily. They are not suitable for all investors.
- Bonds and/or fixed-income securities trade differently than equity securities and do not trade on a listed exchange. Rather, they trade in the OTC (over the counter) marketplace and liquidity may not always exist for you to sell your position prior to maturity.
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- To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.gnmiasa.gov, Municipal Bonds: www.emma.msrb.org. A copy of the Official Statement can be requested by calling 800-689-3900.
- The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors willing to purchase the security and, therefore, adversely impact the price that you receive for the security. The quantity of securities you purchased is below the minimum denomination and may adversely affect the liquidity of the position unless you have other securities from the issue that can be combined to reach the minimum denomination.



PO BOX 2577 - OMAHA NE 68103-2577

Please do not send deposits or correspondence to this address.

TD AMERITRADE, INC.

PO BOX 2209

OMAHA NE 68103-2209

TIMOTHY ALAN MURRAY & RENEE JODIE
MURRAY JT TEN
4003 BUFFALO RD
NEWARK NY 14513-9319



Confirmation Notice

ACCOUNT NO.		OTHER INFO	TRANSACTION NUMBER		CAP CODES	YOUR REPRESENTATIVE	
275-546953-1			42039327954		A	TD AMERITRADE	
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT		MISC. FEES	REG FEES
YOU SOLD	70	59134N104	1.5601	109.21			0.01
AS OF TRADE DATE		TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE		NET AMOUNT
		04/13/2022	04/18/2022		0.00		109.20
TRADE DESCRIPTION				SYMBOL			
META MATERIALS INC COM				MMAT			
CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE. THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS. *CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.							

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1			A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	04/13/2022	04/18/2022		0.00		
TRADE DESCRIPTION			SYMBOL			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1			A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	04/13/2022	04/18/2022		0.00	920.95	
TRADE DESCRIPTION			SYMBOL			

CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.
THIS IS AN UNSOLICITED TRADE
FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION
PLEASE REFER TO THE TERMS AND CONDITIONS.
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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		42045614324	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	4	59134N104	1.57	6.28		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	04/13/2022	04/18/2022		0.00	6.28	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE. THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS. *CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.						

ACCOUNT CODE: Type of Account	CAPACITY CODE:
1. Cash 2. Margin Long 3. Margin Short 4. Income 5. Withholding 6. Special	A= Agent C= Cross Trade P= Principal R= Riskless Principal Prime Broker if provided (contact the executing broker for further details) 3= Agent for person other than customer 4= Agent for both customer and another person 5= Principal for some executions and agent for other 6= Crossing as principal 7= Acts as principal, agent and agent for another person 8= Crossing as agent

IT IS AGREED BETWEEN THE EXECUTING BROKER AND THE CUSTOMER NAMED HEREIN THAT:

- TD Ameritrade Clearing, Inc., member of FINRA/SIPC acts as the clearing agent.
- This confirmation is a transaction advice, not an invoice. Remittance of funds or securities is due on or before settlement date. Certain security information is collected at the time the confirmation is generated and may vary from the information at the time the trade was placed.
- Margin requirements, interest and other policy will be strictly in accordance with the rules and regulations of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (also a clearing institution) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are unsolicited.
- The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
- The name of the other party to the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
- If the transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
- If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
- Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee covers transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement.
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- To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com; Federal Home Loan Bank (FHLB): www.fhlb-of.com; Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com; Federal National Mortgage Association (Fannie Mae): www.fanniemae.com; Government National Mortgage Association: www.gntmna.gov; Municipal Bonds: www.emma.msrb.org. A copy of the Official Statement can be requested by calling 800-689-3900.
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ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		42098169808	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU BOUGHT	80	59134N104	1.435	114.80		0.00
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	04/18/2022	04/20/2022		0.00	114.80	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
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Confirmation Notice

Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker (if provided, contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
		9= Crossing as principal	5= Principal for some executions and agent for other
			8= Crossing as agent

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- You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customer's agency trades are uncollected.
- The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
- The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
- If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
- If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to call the securities covered hereby and hold you liable for resulting loss.
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SIPC
SECURITIES INVESTOR PROTECTION CORPORATION

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		42169519305	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	80	59134N104	1.4009	112.07		0.01
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	04/21/2022	04/25/2022		0.00	112.06	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
<p>CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE. THIS IS AN UNSOLICITED TRADE FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS.</p> <p>*CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.</p>						


Confirmation Notice
Account 275-546953

Page 2 of 2

ACCOUNT CODE: Type of Account		CAPACITY CODE:	
1. Cash	2. Margin Long	A= Agent	C= Cross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
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- You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customer's agency trades are unaffiliated.
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TD AMERITRADE, INC.
PO BOX 2209
OMAHA NE 68103-2209



SIPC
 4500 15th Avenue, Suite 100
 San Francisco, CA 94114
 (415) 774-2900
 www.sipc.org

ACCOUNT NO.	OTHER INFO	TRANSACTION NUMBER	CAP CODES	YOUR REPRESENTATIVE		
275-546953-1		43280779621	A	TD AMERITRADE		
ACTIVITY	QUANTITY	CUSIP NUMBER	PRICE	PRINCIPAL AMOUNT	MISC. FEES	REG FEES
YOU SOLD	371	59134N104	1.4501	537.99		0.06
AS OF TRADE DATE	TRADE DATE	SETTLEMENT DATE	INTEREST	COMMISSION/FEE	NET AMOUNT	
	06/14/2022	06/16/2022		0.00	537.93	
TRADE DESCRIPTION			SYMBOL			
META MATERIALS INC COM			MMAT			
<p>CONFIRMATION OF TAX LOT METHOD AVAILABLE VIA GAIN/LOSS PAGE.</p> <p>THIS IS AN UNSOLICITED TRADE</p> <p>FOR FURTHER INFORMATION REGARDING YOUR TRADE CONFIRMATION PLEASE REFER TO THE TERMS AND CONDITIONS.</p> <p>*CLBL - If the above security description includes a 'CLBL' notation, this transaction involves a debt security that is subject to call or redemption before maturity. The debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request.</p>						



Confirmation Notice

Account 275-546953

Page 2 of 2

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1. Cash	2. Margin Long	A= Agent	C= Cross Trade
3. Margin Short	4. Income	P= Principal	R= Riskless Principal
5. Withholding	6. Special	Prime Broker if provided (contact the executing broker for further details)	
		3= Agent for person other than customer	4= Agent for both customer and another person
		6= Acts as both principal and agent	7= Acts as principal, agent and agent for another person
		9= Crossing as principal	5= Principal for some executions and agent for other
			8= Crossing as agent

IT IS AGREED BETWEEN THE EXECUTING BROKER AND THE CUSTOMER NAMED HEREIN THAT:

- TD Ameritrade Clearing, Inc., member of FINRA/SIPC acts as the clearing agent.
- This confirmation is a transaction advice, not an invoice. Remittance of funds or securities is due on or before settlement date. Certain security information is collected at the time the confirmation is generated and may vary from the information at the time the trade was placed.
- You will report any errors immediately and/or notify us if not entirely in accordance with your understanding.
- All transactions are subject to the rules, regulations, requirements (including margin requirements) and customs of the Federal Reserve Board, the Securities and Exchange Commission, the Exchange or market (and its clearing house, if any) where executed, and of any association whose rules and regulations govern transactions in said market, and to all the terms of our general customer's agreements between you and us. Wisconsin customers' agency trades are undisclosed.
- The securities described are, or may be hypothecated under circumstances which will permit the commingling thereof with securities carried for the account of the other customers. Such commingling, if any, ceases upon payment by you for these securities in the net amount due.
- The name of the other party or broker in the transaction, the date, the time of execution, source and amount of remuneration will be furnished upon request, if not already displayed.
- If this transaction is a sale and the securities are not already in our possession and do not represent a short sale, please forward them immediately to avoid possible payment of premium on securities borrowed.
- If payment is not made on or prior to the date required by Regulation T of the Federal Reserve Board, we reserve the right without further notice, to cancel this transaction, or at our option, to sell the securities covered hereby and hold you liable for resulting loss.
- Commission/Fee represents base commission and any options contract, exercise, and assignment fees. For Alternative Investments (AI), also called Non Standard Assets (NSA), Commission/Fee represents transaction fees applicable to purchases, capital call processing, and redemptions. TD Ameritrade will charge a Reg Fee on certain transactions. These charges are typically based on fees assessed under various regulations applicable to transactions. It may include any of the following: a sales fee on certain sell transactions (assessed at a rate consistent with Section 31 of the Securities Exchange Act of 1934), the Options Regulatory Fee (applicable to options transactions), and the Trading Activity Fee (assessed at a rate consistent with Section 1 of Schedule A of FINRA's By-Laws), among other charges. Transactions in foreign securities (including foreign company ADRs that trade in the U.S.) may include taxes and fees charged by the foreign markets or governments, which may be reflected in the price of the security or charged as an independent line item on your monthly statement.
- Misc. Fees will be explained upon request. For transactions involving certain Index Options, TD Ameritrade may charge an Index Option Fee in accordance with the Chicago Board Options Exchange (CBOE) Global Markets, Inc. fee schedule. This fee will be reflected in the Misc. Fee field. A copy of the CBOE Options Exchange Fee Schedule can also be found on www.cboe.com. Other Misc. Fees may include Prime Broker fees or Special Settlement fees, where applicable.
- If this transaction involves a debt security that is subject to call or redemption before maturity, the debt security may be called or redeemed in whole or in part before maturity which could affect its yield. Additional information is available upon request. On zero coupons, interest and multiplier securities, no periodic payment of interest or principal are generally made. These securities may be callable, below maturity value, without notice by mail to holder unless the securities are held in registered form. On asset backed debt securities, yields are subject to fluctuation depending on prepayment, specific information is available upon request. For inflation indexed securities yield to maturity may vary due to inflation adjustments.
- The firm receives compensation for directing listed and over-the-counter securities, and options order flow to selected market centers for execution. The source and nature of payment received in connection with a particular transaction will be furnished upon request.
- Leveraged and Inverse ETFs entail unique risks, including but not limited to: use of leverage; aggressive and complex investment techniques; and use of derivatives. Leveraged ETFs seek to deliver multiples of the performance of a benchmark. Inverse ETFs seek to deliver the opposite of the performance of a benchmark. Both seek results over periods as short as a single day. Results of both strategies can be affected substantially by compounding. Returns over longer periods will likely differ in amount and even direction. These products require active monitoring and management, as frequently as daily. They are not suitable for all investors.
- Bonds and/or fixed-income securities trade differently than equity securities and do not trade on a listed exchange. Rather, they trade in the OTC (over the counter) marketplace and liquidity may not always exist for you to sell your position prior to maturity.
- If you request the sale of a nonmarketable or worthless security, TD Ameritrade will be the buyer in the transaction in the event a market cannot be located. In such a sale, you are deeming the security worthless and TD Ameritrade thereby makes no representation regarding the present or future value of these securities. The transaction is irreversible and you will have no further claim to the securities and no claim against TD Ameritrade for any losses related to the sale.
- To access the Official Statement (e.g., prospectus, program disclosure document, information statement, etc.) related to Municipal Bonds, Government Sponsored Enterprise Debt, or Federal Agency Securities, please visit the applicable website and enter the CUSIP: Federal Farm Credit Bank (FFCB): www.farmcredit-fcb.com, Federal Home Loan Bank (FHLB): www.fhlb-of.com, Federal Home Loan Mortgage Corporation (Freddie Mac): www.freddiemac.com, Federal National Mortgage Association (Fannie Mae): www.fanniemae.com, Government National Mortgage Association: www.gnmia.gov, Municipal Bonds: www.emma.msb.org. A copy of the Official Statement can be requested by calling 800-689-3900.
- The security that you purchased may have a minimum denomination set by the issuer, which may reduce the number of investors willing to purchase the security and, therefore, adversely impact the price that you receive for the security. The quantity of securities you purchased is below the minimum denomination and may adversely affect the liquidity of the position unless you have other securities from the issue that can be combined to reach the minimum denomination.